

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Re-Systems Group 1/2" "Miracle Mesh"

Product Description: High Density Polyethylene Netting

Supplier's details: Re-Systems Group
430 Oak Grove St. STE 410
Minneapolis, MN 55403
612.872.1900 (Mon.-Fri., 8:00a.m.-5:00p.m. Central Time)
612.872.1902 FAX

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Name of Preparer: Eric Henjum

2. PRODUCT INGREDIENTS

Ingredient	CAS Number	Percent
Polyethylene	9002-88-4	>95%
Modifiers / Additive	not applicable	<5%

3. HAZARDS IDENTIFICATION

This product is not considered a hazardous material at temperatures below the melting point of the resin according to the U.S. Occupational Safety and Health Act definitions and regulations. This includes the Hazard Communication Standard 29 CFR 1910.1200.

Threshold Limit Values (TLV) or Permissible Exposure Limit (PEL) values are not established for this product.

HEALTH HAZARDS

POTENTIAL HEALTH EFFECTS UNDER ROOM TEMPERATURE CONDITIONS

Eyes: No known health hazards under normal conditions.

Skin: Non-toxic substance. No known health hazards from handling this product.

Ingestion: Not applicable.

Inhalation: No known health hazards.

POTENTIAL HEALTH EFFECTS UNDER MOLTEN PRODUCT CONDITIONS

Eyes: Vapors may cause irritation.

Skin: Contact with molten product may cause thermal burns.

Ingestion: Not applicable.

Inhalation: Vapors may cause irritation.

SIGNS OF OVEREXPOSURE UNDER MOLTEN PRODUCT CONDITIONS:

Eyes: Irritation or redness.

Skin: Thermal burns.

Ingestion: Not applicable.

Inhalation: Dryness or irritation of the nose, throat, and respiratory tract.

TOXICITY EFFECTS

This product has no known carcinogenic or mutagenic toxic effects. This product has no known reproductive or teratogenic effects.

4. FIRST AID MEASURES

Eyes:

Flush with water for 15 minutes. Seek medical attention.

Skin:

If burns occur, cool affected area under ice water or running water. If molten material adheres to the skin, cool area with ice water or running water. It is recommended that vegetable oil or mineral oil be used to help with removal of material adhered to skin. Seek medical attention.

Ingestion:

Not applicable.

Inhalation:

Remove to fresh air. Provide breathing oxygen if respiration is impaired. Provide artificial respiration if breathing has stopped. Seek medical attention.

5. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid plastic net

Odor: Slight waxy odor

Color: Clear

Freezing Point: Not Applicable

Melting Point: > 100 - 135C (212 – 275F)

Boiling Point: Not Applicable

Specific Gravity: 0.88 to 0.96

6. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: No

Hazardous Decomposition:

At elevated temperatures, decomposition will occur. Product will decompose, generating fumes that may contain acetaldehyde, ketones, acrolein, acetone, acetic acid, formic acid, formaldehyde, and acrolein.

Materials to Avoid:

Keep this product away from strong oxidizing materials and free halogens.

Conditions to Avoid:

Keep this product away from heat, sparks, and flame.

7. FIRE AND EXPLOSION INFORMATION

Flash Point: > 340 C (640 F)

Flammable Limits: Not Determined

Autoignition Temperature: > 360 C (680 F)

Extinguishing Media:

Use Foam, carbon dioxide, or water spray to fight fires involving this product.

Explosion Hazards:

This product is shipped as plastic net. No explosion hazards are foreseen.

Fire Fighting Procedures:

Standard procedures for Class A fires.

Fire Fighting Equipment:

Use self contained breathing apparatus.

8. SPILL AND DISPOSAL CONSIDERATIONS

In the event of a spill of this product, the product should be cleaned up rapidly and placed in a suitable receptacle for disposal.

Accepted methods of disposal of this product are

- A) Landfilling in a licensed facility in accordance with all applicable regulations.
- B) Incineration of the product in a licensed facility in accordance with all applicable regulations.
- C) Recycle the material.

RCRA HAZARD CLASS:

This product is not judged to be a hazardous waste by any local, state, or federal regulations. It may be classed as industrial waste in certain locations. This product is not listed in the U.S. federal hazardous waste regulations, 40 CFR

261.33 (e) or (f). This product does not exhibit any hazardous characteristics listed in 40 CFR 261 subpart C.

9. HANDLING AND STORAGE

Keep product away from heat and ignition sources. Keep product away from strong oxidizing agents. Store product at temperatures below 60 degrees Celsius (140 degrees Fahrenheit).

PERSONAL PROTECTIVE EQUIPMENT

Eyes and Face: Wear safety glasses with side shields when handling this product.

Skin: Wear protective clothing over the skin to avoid contact with molten plastic material. At room temperatures, no additional personal protection clothing is required.

10. DISCLAIMER

Re-Systems Group believes the information contained in this MSDS to be accurate and correct based on information provided to Re-Systems Group by raw materials suppliers. This Material Safety Data Sheet supersedes any previously dated MSDS and contains the most accurate, up-to-date information available. No Warranty of Merchantability, fitness for any particular purpose, or any other warranty, express or implied, is made as concerns the information herein provided. It is the responsibility of the user to determine the conditions of safe use for this product.